

ABSTRACT OF THE DISCLOSURE

A method of making a liquid-crystal sheet material, useful for displays, having polymer-dispersed cholesteric liquid crystals, comprising the steps of providing a emulsion comprising dispersed cholesteric liquid crystal domain and a solution comprising gelatin and a hardening agent, coating said emulsion onto a substrate; and drying said emulsion to form polymer-dispersed liquid-crystal domains dispersed in a continuous matrix comprising hardened gelatin. The invention is also directed to a display having an imaging layer comprising domains of polymer-dispersed cholesteric liquid-crystal material dispersed in a continuous matrix comprising hardened gelatin, said imaging layer disposed between first and second conductors. The invention is advantageous in reducing sensitivity to temperature and/or high humidity, especially in thin displays or displays that are open to the environment.